Taiwan International Science Fair 2020

Purpose

(1) Enhance science research among high school students & arouse public understanding of science.

(2)Offer students an opportunity to present research projects to other students and to the public.

(3) Promote cross-cultural communication and educational exchange.

ORGANIZING COMMITTEE

(1) **Supervisor**: Ministry of Education, Taiwan

(2) **Organizer**: National Taiwan Science Education Center

(3) **Co-Organizer**: Department of Education of Taipei City Government,

Taipei Municipal Jianguo High School

(4) **Sponsors**:

K. T. Li Foundation for the Development of Science and Technology

Y.S. Educational Foundation

Image Model Co.Ltd.

GFC Foundation

ELIGIBILITY

Each country is invited to send maximum 2 projects.

Student participants must be winners of science contests, and the national one is preferred.

Student participants must be in grades 9-12 and under age 20 when selected from the national fair.

PROJECT CATEGORY

1 Mathematics
2 Physics & Astronomy
3 Chemistry
4 Earth and Environmental Sciences
5 Animal Sciences
6 Plant Sciences
7 Microbiology
8 Biochemistry
9 Medicine & Health
10 Engineering
11 Computer Science & Information Engineering
12 Environmental Engineering
13 Behavioral & Social Sciences

JUDGING Criteria

- Originality and creativity
- Scientific attitude
- Scientific thought and understanding
- Thoroughness and effort
- Academic or practical value
- Presentation and technical skill
- Research data book and references

Competition Structure

Award

First Award: NT$ 5000 cash, a Medal and a Certificate.

Second Award: NT$ 3000 cash, a Medal and a Certificate.

Third Award: NT$ 2000 cash, a Medal and a Certificate.

Fourth Award: NT$1000 cash and a Certificate.

Cash awards are subject to a 20% tax deduction.

Display & Safe Main Rules

Poster, research paper and project data book should be prepared and brought to the TISF. If an exhibit contains any part of imitation or includes any reference, it should be candidly cited in the Research Paper.

Any exhibit that requires electricity for operation or illumination, the power used should be 110V, 60HZ AC current, the adaptor must be equipped with a fuse-wire and the maximum current is limited to 3 ampere.

All the exhibits need to be complied with the “Display and Safety Regulations”. Please read it carefully.

Exhibitors should be responsible for their display object, equipment or apparatus. All exhibits should be removed, disposed, or taken home at the end of the exhibition.

Please read the D&S Regulations carefully .

Display & Safe Main Regulations

GUIDELINES

- **If living organism is involved in the experiment, all scientific studies must be conducted to treat the living organism with ethics. Any hazardous substance is prohibited from display and exhibitors must protect the health and safety of the public and the environment.**

DISPLAY SAFETY REVIEW

- **All exhibits must be examined pursuant to "Display and Safety Regulations". SRC members will make the remark "To Be Corrected" or "Rejected" on any exhibit failing to comply with Display and Safety Regulations.**
- **Exhibits "*Rejected*" for entering the fair**
  - **1. Harmful microbes or dangerous living organisms.**
  - **2. Poisons, explosives, radioactive or carcinogenic substances.**
  - **3. High power laser over Class 2 or against the restriction of IEC 60825.**
  - **4. Exhibits or display objects that do not comply with rules and regulations of the fair.**

ITEMS PROHIBITED FROM DISPLAY

- **For research on living organisms, prior permissions from the school biology teacher or research scientists are required.**

NOT ALLOWED AT PROJECT OR IN BOOTH

- **1. Living organisms, including plants**
- **2. Soil, sand, rock, and/or waste samples, even if permanently encased in a slab of acrylic**
- **3. Taxidermy specimens or parts**
- **4. Preserved vertebrate or invertebrate animals**
- **5. Human or animal food as part of the exhibitor demonstration of the project**
- **6. Human/animal parts or body fluids (for example, blood, urine**
- **7.Plant materials (living, dead, or preserved) that are in their raw, unprocessed, or non-manufactured state (Exception: manufactured construction materials used in building the project or display)**
- **8.All chemicals including water (Projects may not use water in any form in a demonstration.)**
- **9. All hazardous substances or devices (for example, poisons, drugs, firearms, weapons, ammunition, reloading devices, and lasers)**
- **10. Dry ice or other sublimating solids**
- **11. Sharp items (for example, syringes, needles, pipettes, knives)**
- **12. Flames or highly flammable materials**
- **13. Batteries with open-top cells**
- **14. Glass or glass objects unless deemed by the Display and Safety Committee to be an integral and necessary part of the project**
- **15. Any apparatus deemed unsafe by the Scientific Review Committee, the Display and Safety Committee, or NTSEC**

Display & Safe Regulations

ITEMS PROHIBITED FROM DISPLAY

- Active Internet or e-mail connections cannot be displayed as part of displaying or operating the project during the judging of TISF.

Display Panels

TISF will prepare display panels.

2020 TISF Information

Fair Date

Feb. 3 ~ Feb.7, 2020	The Program will be announced soon.

Location

National Taiwan Science Education Center	N0.189 Shihshang Road, Shihlin, Taipei, Taiwan 11165, R.O.C

Taoyuan Airport Arrival	Departure
Feb. 2	Feb. 7

Tour- Taroko Gorge (Optional, price will be announced soon)

Feb. 7	Feb. 8

2020 TISF Provides Landing Reception

Free of 2 students, 1 supervisor with 2 projects for invited country.

It covers accommodation (Feb. 2-Feb.6, 5 nights), hotel breakfast and certain meals noted, airport transportation and event activities expenses.

Please notify us if there's cancellation of participation two weeks before the fair begins or the supervisor will be charged for USD 600 in the following year.

Registration link : https://goo.gl/pdJipY

Free

2020 TISF Accommodation

Free Accommodation for 5 nights, from Feb. 2 – Feb. 7 (check out)

Supervisors & Students are accommodated in shared rooms with 2 persons.

Hotel information will be announced on the TISF website soon: http://goo.gl/ghBf5g

Please inform TISF team for early arrival and late departures. The rooms will only be reserved after the payment is done.

2020 TISF Extra Registration Fee

The 1st -3rd persons	Free of charge	
The 4th -6th persons	Early bird USD 600	After Deadline USD 750
The 7th -9th persons	Early bird USD 800	After Deadline USD 950

2020 TISF Pay Extra Registration Fee by Jan. 3th

Account Name	• National Taiwan Science Education Center
Account Number	• 19230059559
Bank Name	• FIRST COMMERCIAL BANK, SHIH LIN BRANCH
Bank Address	• 458, Zhong Zheng Rd., Shih Lin Dist., Taipei 111,Taiwan, R.O.C.
Bank Swift Code	• FCBKTWTPXXX

2020 TISF Deadline

10/18

- Email Reply Slip and Fair Information Sheet
- Login ID and password will be given after we receiving complete information

10/29-11/22

- Registration
- Please ONLY register the person who will attend TISF
- Please upload the "project report" less than 30 pages
- Please MUST upload ONE picture of "students" for each project.
- Please MUST upload Poster's PDF file.

12/31

- Payment of early bird fee / Payment of optional tour

12/31

- Submit Flight information

TAIWAN INTERNATIONAL SCIENCE FAIR

http://goo.gl/ghBf5g

https://www.facebook.com/TISF1991/

tisf@mail.ntsec.gov.tw

Thank you, for your participation and cooperation

Have a great day ☺